

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
 Data File : BG024059.D
 Acq On : 21 Sep 2016 17:43
 Operator : UM/SJ
 Sample : H4820-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB3-04

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.922	9	14	28	rVB	2814617	4349207	100.00%	13.180%
2	5.119	382	388	397	rBV2	215867	357623	8.22%	1.084%
3	5.601	464	470	484	rVB	1103133	1819288	41.83%	5.513%
4	7.222	739	746	759	rBV	1202471	2186706	50.28%	6.627%
5	7.586	800	808	818	rBV	1166024	2105658	48.41%	6.381%
6	8.050	877	887	898	rVB	274057	481761	11.08%	1.460%
7	8.374	935	942	950	rBV	872818	1509301	34.70%	4.574%
8	9.231	1078	1088	1100	rBV	804098	1476538	33.95%	4.475%
9	10.882	1362	1369	1377	rBV	381432	682391	15.69%	2.068%
10	13.337	1778	1787	1795	rBV	2132883	3250198	74.73%	9.849%
11	14.172	1922	1929	1935	rBV	451787	680613	15.65%	2.063%
12	14.724	2015	2023	2030	rBV	648136	989040	22.74%	2.997%
13	16.228	2273	2279	2291	rBV	1779439	2772679	63.75%	8.402%
14	16.416	2306	2311	2320	rBV5	39670	92800	2.13%	0.281%
15	17.209	2441	2446	2449	rBV3	49615	71840	1.65%	0.218%
16	17.491	2486	2494	2498	rBV	711942	1124971	25.87%	3.409%
17	17.532	2498	2501	2507	rVB	263903	371989	8.55%	1.127%
18	17.949	2569	2572	2576	rVB2	40672	44453	1.02%	0.135%
19	18.219	2615	2618	2623	rBV7	35916	61436	1.41%	0.186%
20	18.307	2629	2633	2638	rBV8	31593	54377	1.25%	0.165%
21	18.366	2638	2643	2648	rVV2	263609	423826	9.74%	1.284%
22	18.419	2649	2652	2659	rVB2	71858	121388	2.79%	0.368%
23	18.566	2672	2677	2681	rBV5	66198	130789	3.01%	0.396%
24	19.100	2764	2768	2772	rBV7	31216	64574	1.48%	0.196%
25	19.276	2795	2798	2800	rBV4	68934	76041	1.75%	0.230%
26	19.547	2840	2844	2850	rVB	467951	675247	15.53%	2.046%
27	19.641	2856	2860	2867	rBV10	70376	131037	3.01%	0.397%
28	19.911	2902	2906	2913	rVB	373689	534185	12.28%	1.619%
29	20.099	2933	2938	2944	rVB	3276425	4208955	96.78%	12.755%
30	21.797	3221	3227	3232	rBV2	699527	1339674	30.80%	4.060%
31	25.145	3792	3797	3807	rVB2	308078	810030	18.62%	2.455%

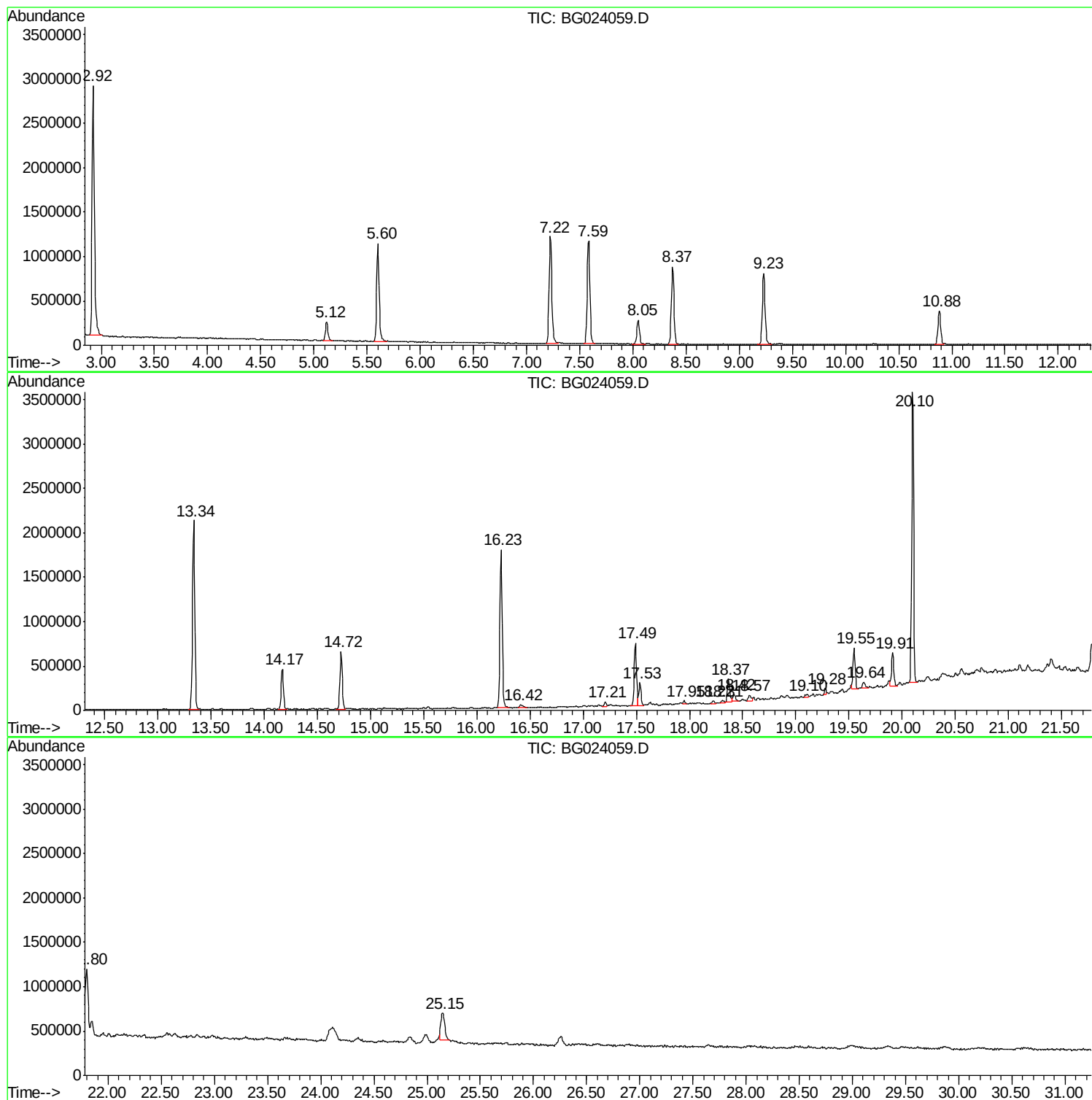
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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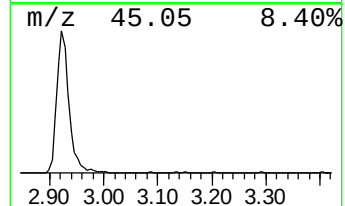
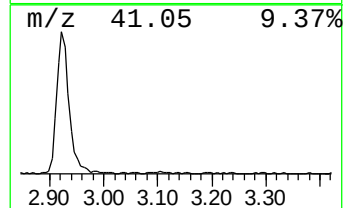
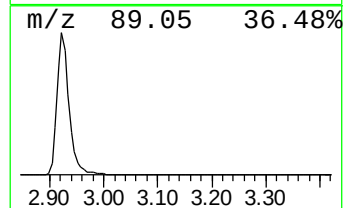
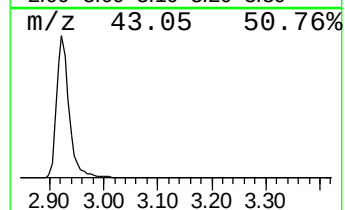
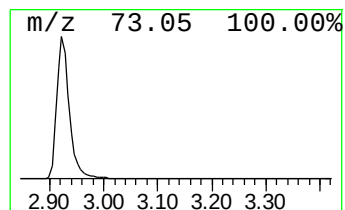
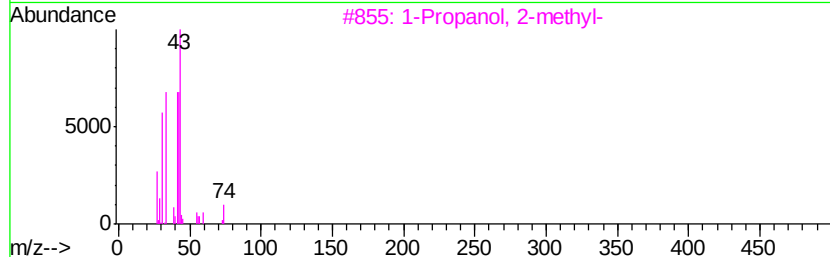
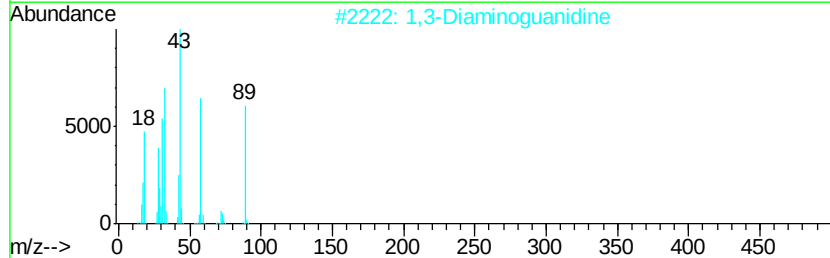
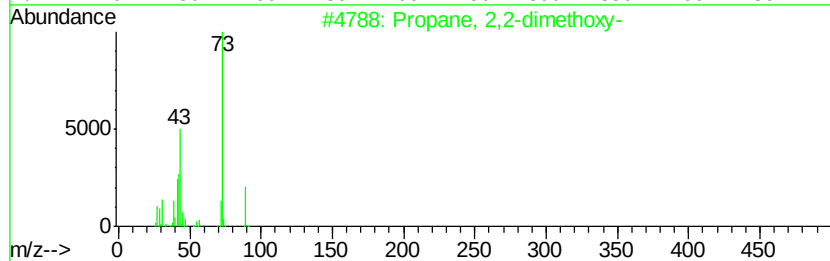
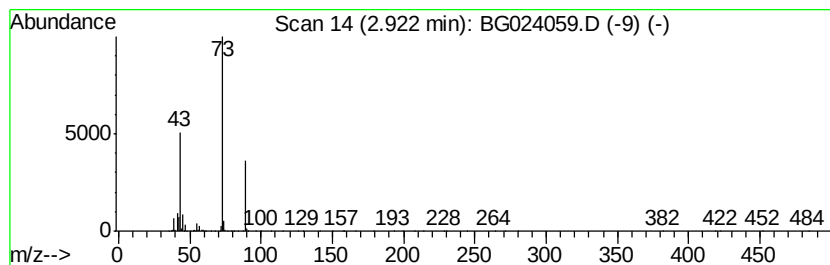
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown2.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	180.56 ng	4349210	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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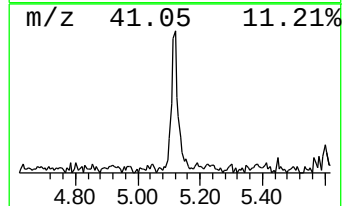
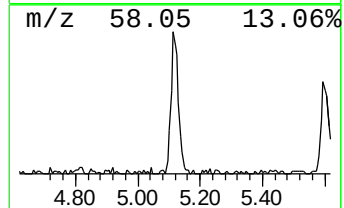
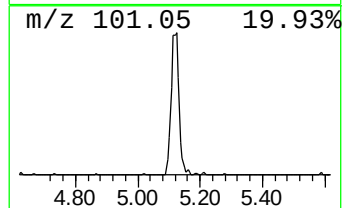
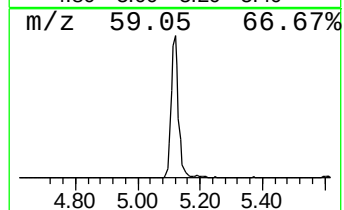
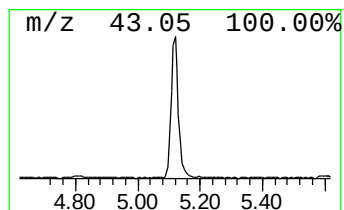
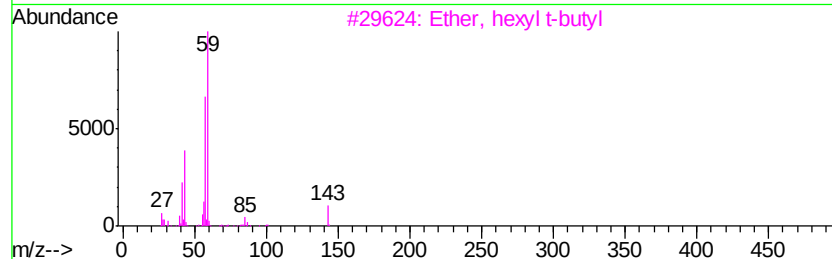
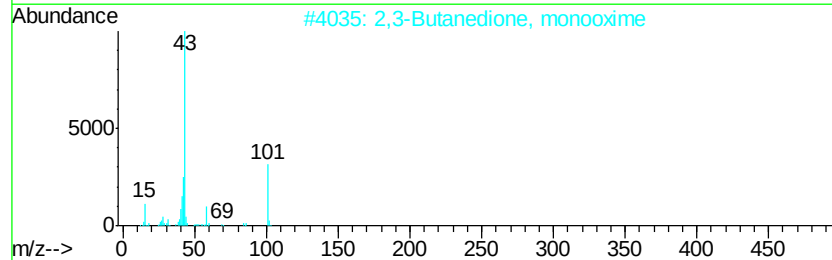
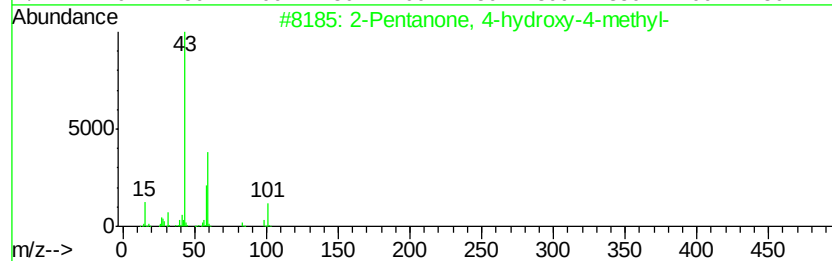
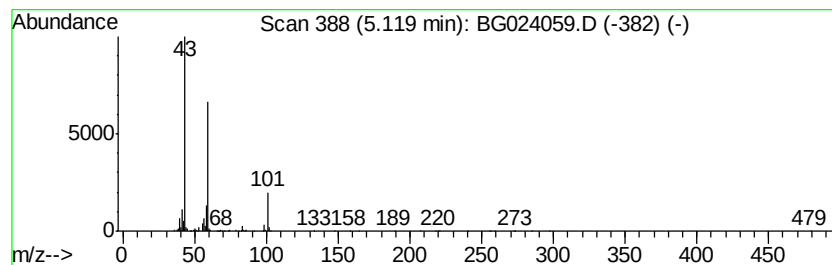
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Peak Number 2 unknown5.12 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	14.85 ng	357623	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3		Ether, hexyl t-butyl	158	C10H22O	069775-79-7	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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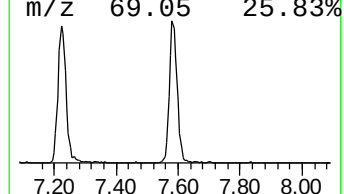
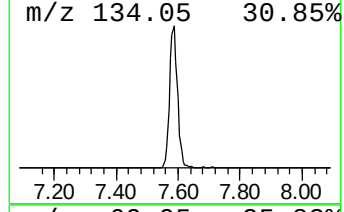
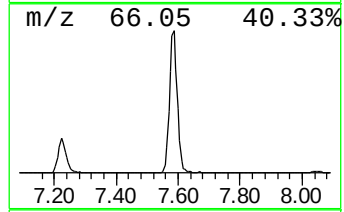
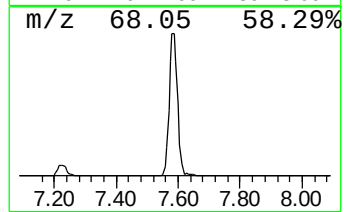
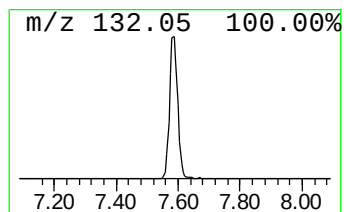
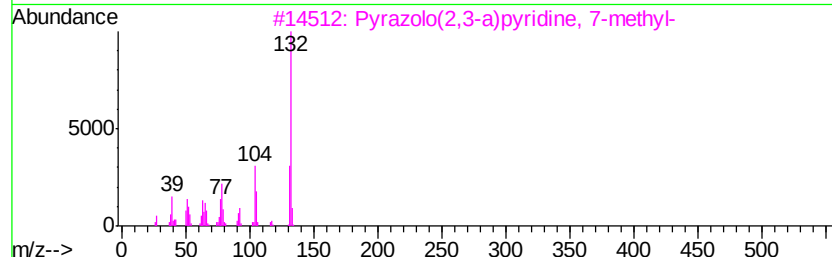
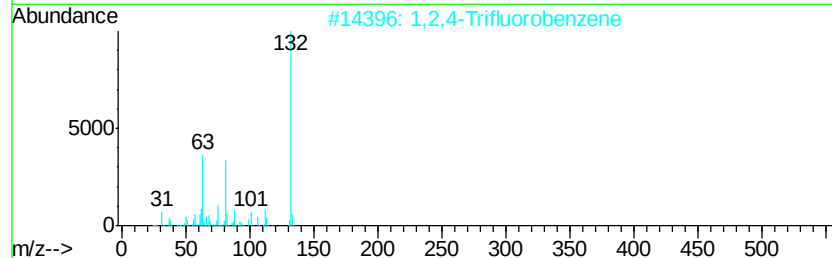
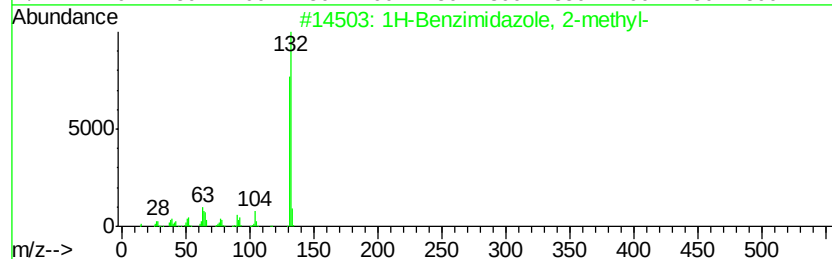
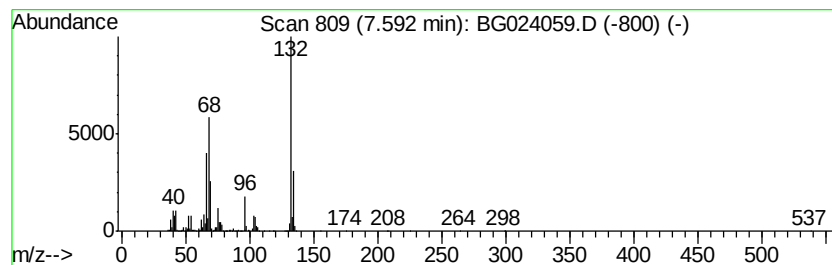
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Peak Number 3 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	87.42 ng	2105660	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10
3		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
4		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10



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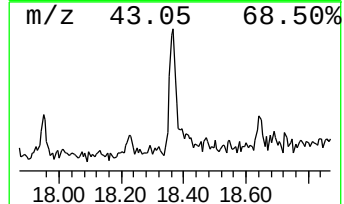
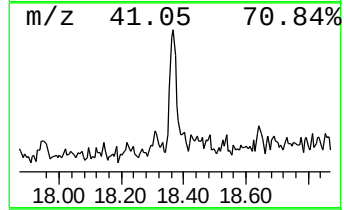
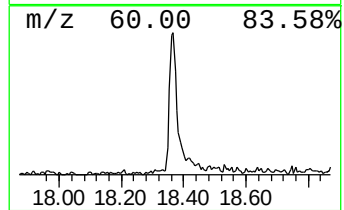
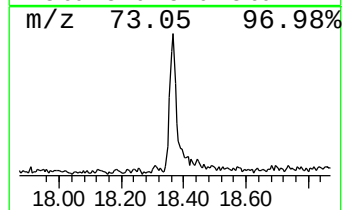
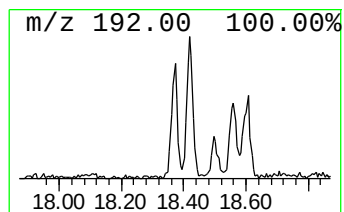
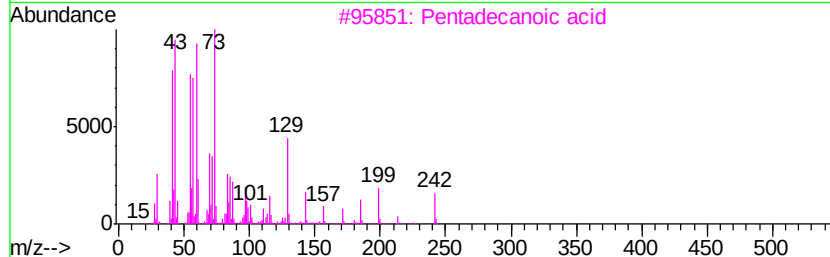
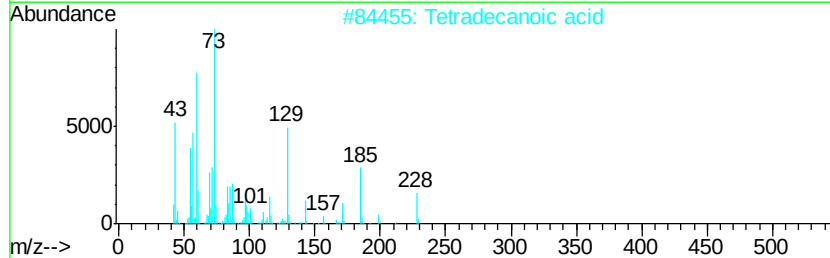
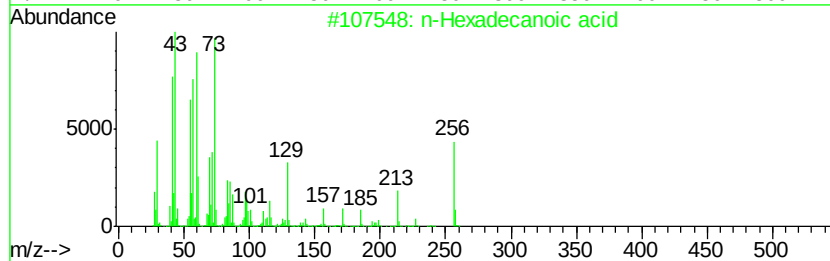
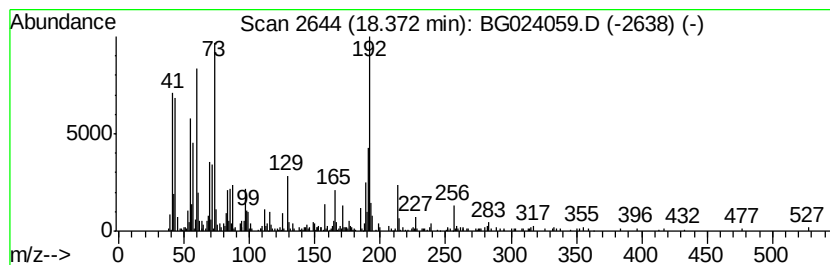
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	7.53 ng	423826	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	46



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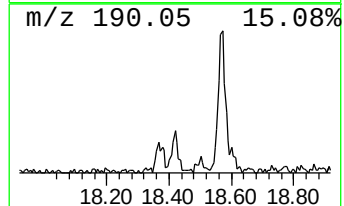
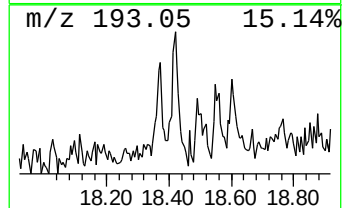
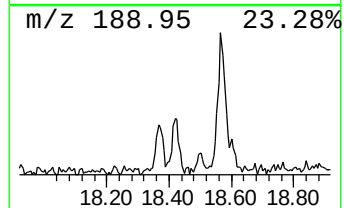
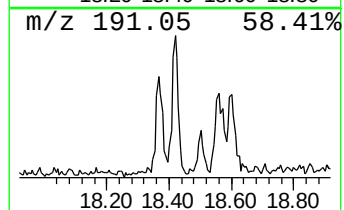
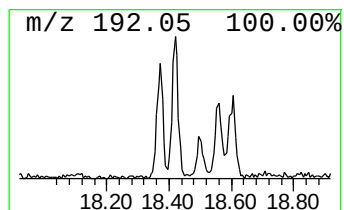
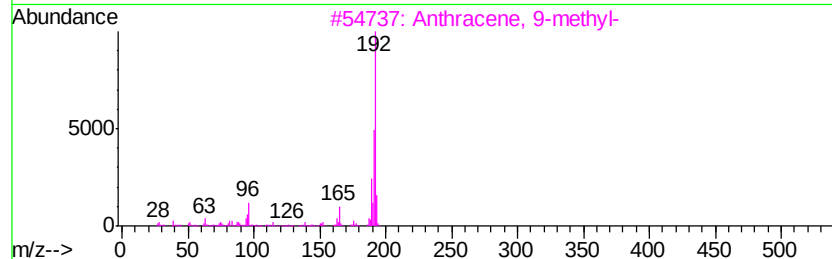
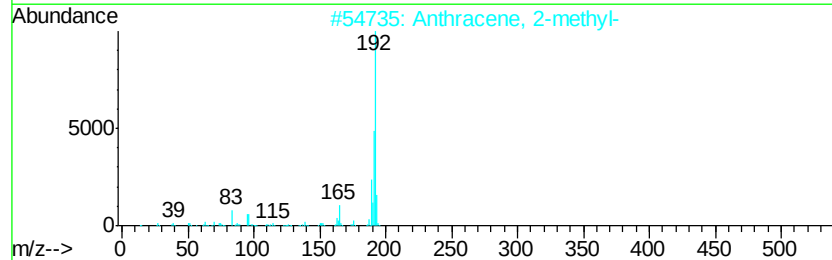
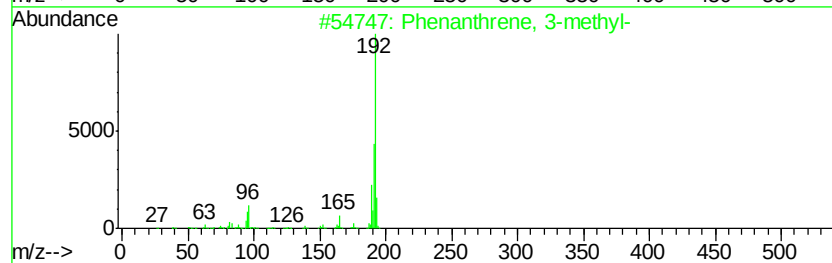
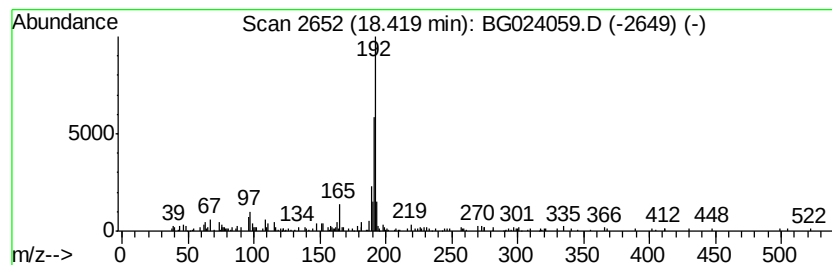
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Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.42	2.16 ng	121388	Phenanthrene-d10	17.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76



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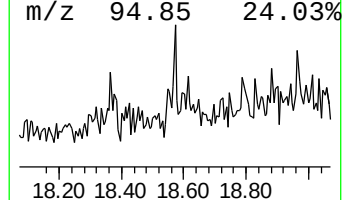
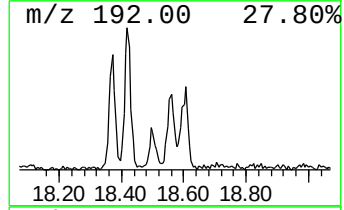
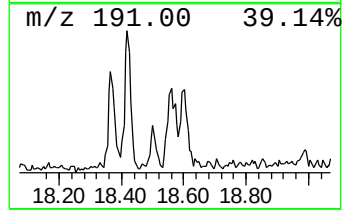
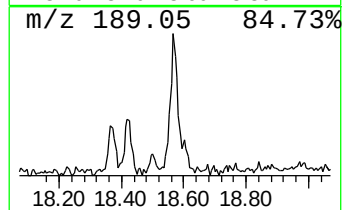
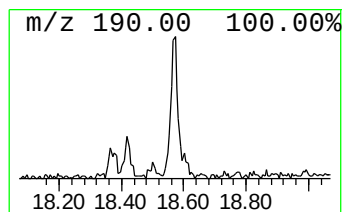
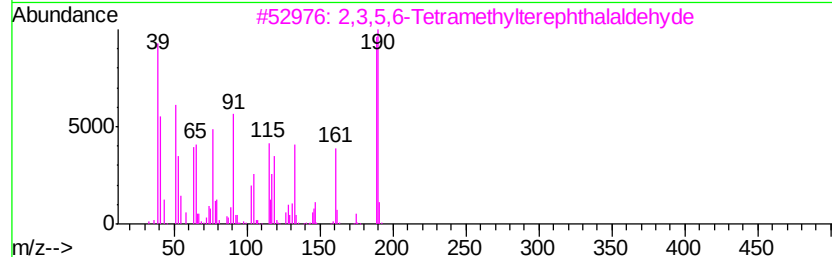
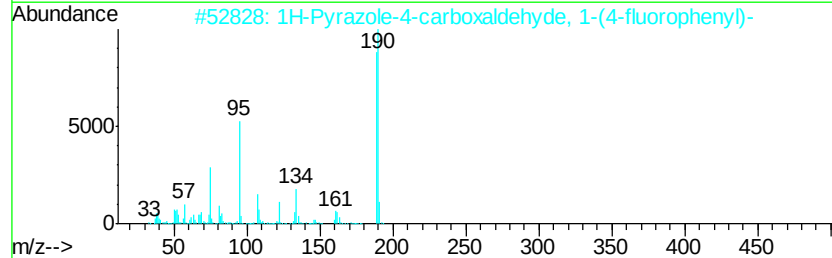
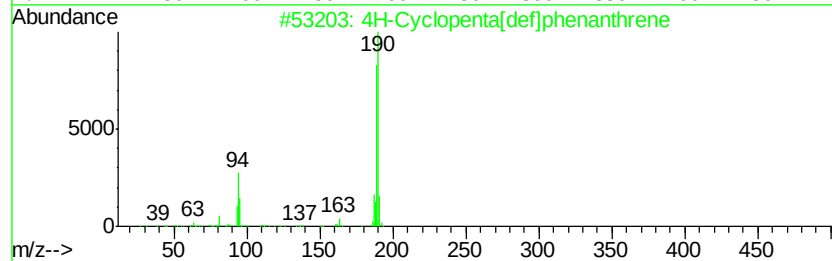
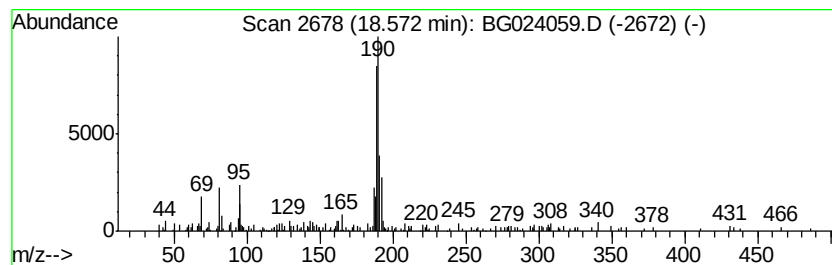
Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.57	2.33 ng	130789	Phenanthrene-d10	17.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	47
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024059.D
Acq On : 21 Sep 2016 17:43
Operator : UM/SJ
Sample : H4820-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

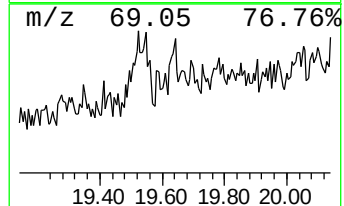
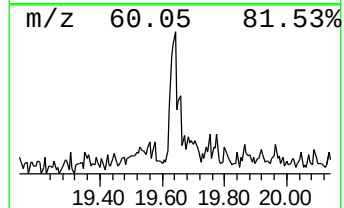
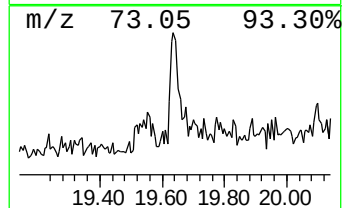
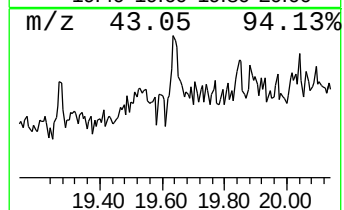
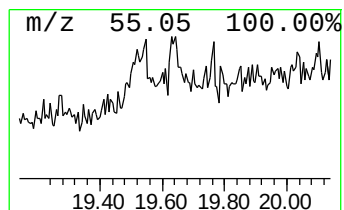
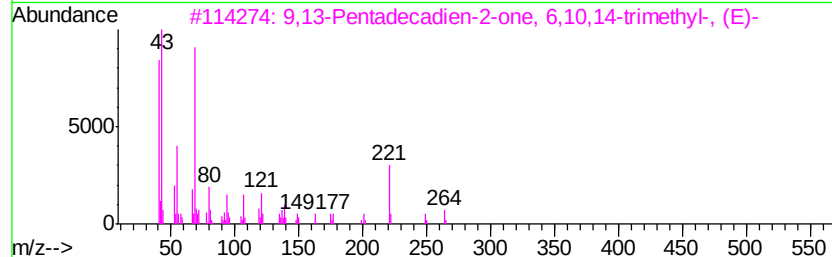
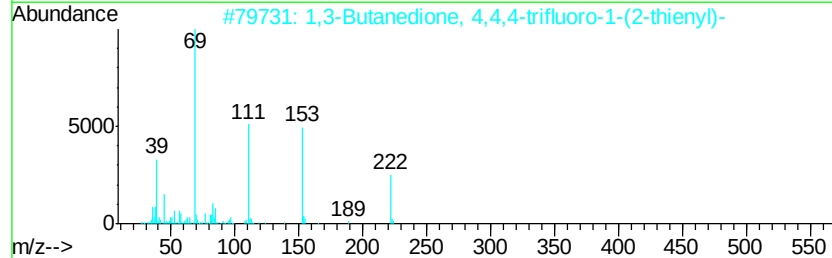
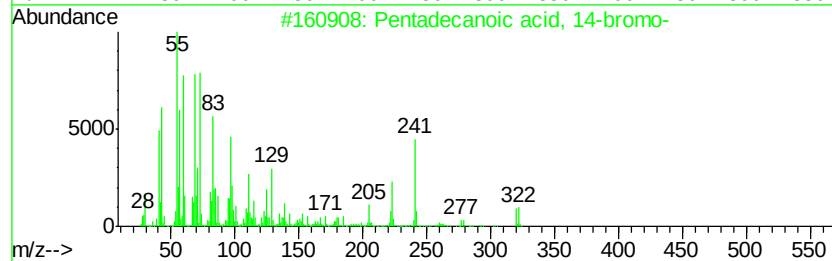
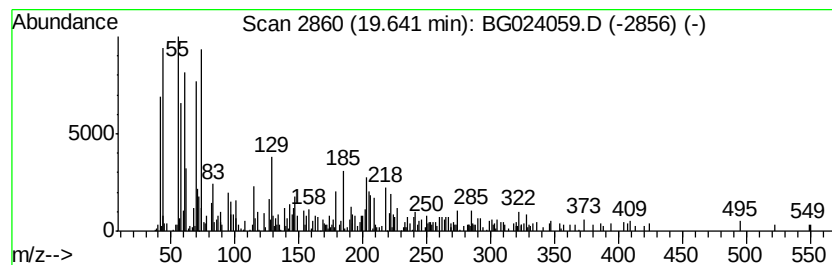
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecanoic acid, 14-bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.33 ng	131037	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid, 14-bromo-	320	C15H29BrO2	074685-41-9	64
2		1,3-Butanedione, 4,4,4-trifluoro...	222	C8H5F3O2S	000326-91-0	35
3		9,13-Pentadecadien-2-one, 6,10,1...	264	C18H32O	031138-32-6	27
4		1,5-Anhydro-l-rhamnitol	148	C6H12O4	1000129-02-4	27
5		n-Decanoic acid	172	C10H20O2	000334-48-5	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024059.D
Acq On : 21 Sep 2016 17:43
Operator : UM/SJ
Sample : H4820-24
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB3-04

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.92	2.92	180.6	ng	4349210	1	8.05	481761	20.0
unknown5.12	5.12	14.9	ng	357623	1	8.05	481761	20.0
unknown7.59	7.59	87.4	ng	2105660	1	8.05	481761	20.0
n-Hexadecanoic acid	18.37	7.5	ng	423826	4	17.49	1124970	20.0
Phenanthrene, 3-m...	18.42	2.2	ng	121388	4	17.49	1124970	20.0
4H-Cyclopenta[def...	18.57	2.3	ng	130789	4	17.49	1124970	20.0
Pentadecanoic aci...	19.64	2.3	ng	131037	4	17.49	1124970	20.0